



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Darrell Rinerson et al.

Attorney Docket No.: UNTYP020

Application No.: 10/634,636

Examiner: Not Assigned

Filed: August 4, 2003

Group: 2818

Title: 2-TERMINAL TRAPPED CHARGE
MEMORY DEVICE WITH VOLTAGE
SWITCHABLE MULTI-LEVEL RESISTANCE

Confirmation No.: 7199

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on March 22, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: _____


Laura M. Dean

REQUEST FOR STATUS OF FILING RECEIPT CORRECTION

Attn: Office of Initial Patent Examination
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant submitted a Request to Correct the Filing Receipt (specifically to correct the filing date of the application) on November 18, 2003, but have not yet received a corrected Filing Receipt. Attached please find copies of the original documents and supporting evidence of our request.

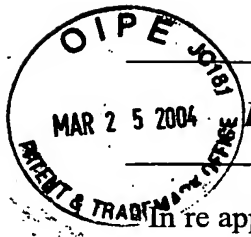
Please correct the Filing Receipt as soon as possible and mail it to the address of record.

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP


Morgan E. Malino
Registration No. 41,177

P.O. Box 778
Berkeley, CA 94704-0778
(650) 961-8300



COPY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Rinerson et al.

Attorney Docket No.: UNTYP020

Application No.: 10/634,636

Examiner: Not Yet Assigned

Filed: August 4, 2003

Group: 2818

Title: A 2-TERMINAL TRAPPED CHARGE
MEMORY DEVICE WITH VOLTAGE
SWITCHABLE MULTI-LEVEL RESISTANCE

Confirmation No.: 7199

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to
(703) 746-4060 to the U.S. Patent and Trademark Office on November 18, 2003.

Signed: _____

Laura M. Dean
Laura M. Dean

REQUEST FOR CORRECTED FILING RECEIPT

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The Applicants in the above-identified application respectfully request for the issuance of a corrected filing receipt. The correct filing date of the above-identified application is **August 4, 2003**.

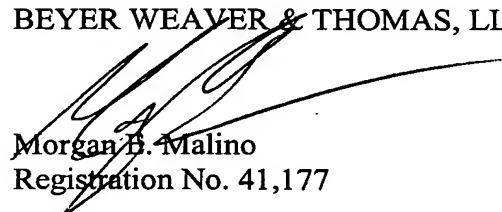
Attached please find (1) a copy of the official filing receipt received from the Patent and Trademark Office in the above application showing the disputed date of filing (August 5, 2003), (2) a copy of the Express Mail receipt showing the date of mailing (August 4, 2003), (3) a copy of the signed Express Mail certificate showing the date of mailing (August 4, 2003) and (4) a print out from www.usps.com showing that Express Mail Receipt No.: EV333981848US was accepted for mailing on **August 4, 2003**. The return postcard and the filing receipt from the Patent and Trademark Office do not reflect the proper date of filing under 37 CFR § 1.10. The Applicants therefore respectfully request that the application be accorded the correct date of filing, as shown on the Express Mail receipt and the Express Mail certificate, of **August 4, 2003**.

COPY

This correction is not due to any error by the Applicants. The Applicants therefore respectfully request that any and all fees related to this request be waived. However, if it is determined that any fee are due in connection with the filing of this request, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. UNTYP020).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP



Morgan B. Malino
Registration No. 41,177

P.O. Box 778
Berkeley, CA 94704-0778



COPY

| ORIGIN (POSTAL USE ONLY) | | DELIVERY (POSTAL USE ONLY) | |
|--|---|---|---|
| PO ZIP Code 94040 | Day of Delivery <input type="checkbox"/> Next <input checked="" type="checkbox"/> Second | Delivery Attempt Mon <input type="checkbox"/> Tue <input type="checkbox"/> Wed <input type="checkbox"/> Thu <input type="checkbox"/> Fri <input type="checkbox"/> Sat <input type="checkbox"/> Sun | Time <input type="checkbox"/> AM <input type="checkbox"/> PM |
| Flat Rate Envelope <input type="checkbox"/> | Postage (USPS only) \$17.85 | Employee Signature [Signature] | Employee Signature [Signature] |
| Time of Delivery 9:40 AM | Return Receipt Fee \$17.85 | Employee Signature [Signature] | Employee Signature [Signature] |
| Weight (lb. oz.) 1.00 | Insurance Fee \$17.85 | Employee Signature [Signature] | Employee Signature [Signature] |
| Acceptance Clerk Initials NM | Total Postage & Fees \$17.85 | Employee Signature [Signature] | Employee Signature [Signature] |
| Customer's Name T. MORGAN E. MALINO | Customer's Address BEYER WEAVER & THOMAS LLP PO BOX 778 BERKELEY CA 94704-0778 | Employee Signature [Signature] | Employee Signature [Signature] |
| Customer's Phone 650-961-8300 | Customer's City Berkeley | Employee Signature [Signature] | Employee Signature [Signature] |
| Customer's State CA | Customer's Zip 94704 | Employee Signature [Signature] | Employee Signature [Signature] |
| Customer's Country USA | Customer's Office [Blank] | Employee Signature [Signature] | Employee Signature [Signature] |

Customer Copy
Label T-1, June 2002

EXPRESS MAIL
UNITED STATES POSTAL SERVICE®

Post Office To Addressee

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
PO BOX 1450
ALEXANDRIA VA 22313-1450

FROM: T. MORGAN E. MALINO
BEYER WEAVER & THOMAS LLP
PO BOX 778
BERKELEY CA 94704-0778

UNTYPO20



COPY

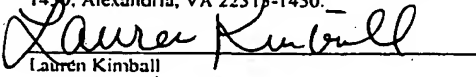
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on August 4, 2003 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EV333981848US, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket No.: UNTYP020

First Named Inventor: Rinerson et al.


Lauren Kimball

UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))
(Continuation, Divisional or Continuation-in-part application)

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:
Darrell Rinerson, Wayne Kinney, Steven W. Longcor, Edmond R. Ward, Steve Kuo-Ren Hsia and Christophe J. Chevallier

For: **A 2-TERMINAL TRAPPED CHARGE MEMORY DEVICE WITH VOLTAGE SWITCHABLE MULTI-LEVEL RESISTANCE**

Assigned to : Unity Semiconductor Corporation

This application is a ☐ Continuation ☐ Divisional ☒ Continuation-in-part

of prior Application No.: 10/249,846, from which priority under 35 U.S.C. §120 is claimed. Application No. 10/249,846 is a non-provisional of 60/400,849, filed on August 2, 2002. Additionally, Application No. 10/249,846 is a non-provisional of 60/422,922, filed on October 31, 2002.

Application Elements:

☒ **30** Pages of Specification, Claims and Abstract

☒ **10** Sheets of formal Drawings

☐ Declaration

☐ Newly executed

☐ Copy from a prior application (37 CFR 1.63(d) for a continuation or divisional).

The entire disclosure of the prior application from which a copy of the declaration is herein supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.



COPY

Track & Confirm

Shipment Details

You entered EV33 3981 848U S

Your item was delivered at 9:20 am on August 06, 2003 in ARLINGTON, VA 22202 to PATENT OFFICE. The item was signed for by J STECKEL.

Here is what happened earlier:

- ARRIVAL AT UNIT, August 06, 2003, 7:17 am, DULLES, VA 20102
- ENROUTE, August 05, 2003, 5:56 pm, DULLES, VA 20102
- ENROUTE, August 04, 2003, 11:31 pm, SAN FRANCISCO, CA 94125
- ACCEPTANCE, August 04, 2003, 5:11 pm, MOUNTAIN VIEW, CA 94040

Notification Options

▶ Track & Confirm by email

[What is this?](#)

Go >

▶ Request Proof of Delivery

[What is this?](#)

Go >



POSTAL INSPECTORS
Preserving the Trust

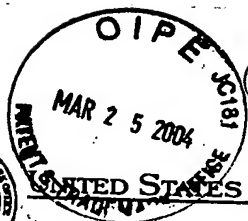
[site map](#) [contact us](#) [government services](#)

Copyright © 1999-2002 USPS. All Rights Reserved. [Terms of Use](#) [Privacy Policy](#)

Track & Confirm

Enter label number:

[Track & Confirm FAQs](#)



UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

Page 1 of 2

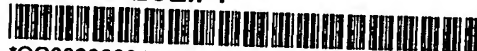
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPL NO. | FILING OR 371 (c) DATE | ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|-----------------|----------|----------|----------|
| 10/634,636 | 08/05/2003 | 2818 | 0.00 | UNTYPO20 | 10 | 56 | 2 |

22434
BEYER WEAVER & THOMAS LLP
P.O. BOX 778
BERKELEY, CA 94704-0778

CONFIRMATION NO. 7199

FILING RECEIPT



OC000000011167217

Date Mailed: 11/03/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Darrell Rinerson, Cupertino, CA;
Wayne Kinney, Emmett, ID;
Steven W. Longcor, Mountain View, CA;
Edmond R. Ward, Monte Sereno, CA;
Steve Kuo-Ren Hsia, San Jose, CA;
Christophe J. Chevallier, Palo Alto, CA;

Assignment For Published Patent Application

Unity Semiconductor Corporation, Sunnyvale, CA;

Domestic Priority data as claimed by applicant

This application is a CIP of 10/249,846 05/12/2003
which claims benefit of 60/400,849 08/02/2002
and claims benefit of 60/422,922 10/31/2002

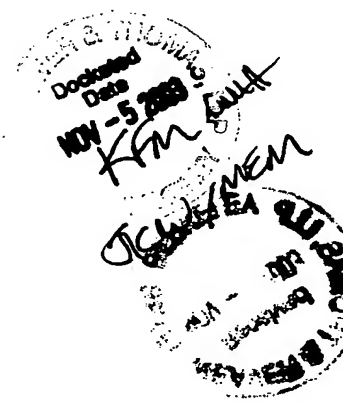
Foreign Applications

If Required, Foreign Filing License Granted: 11/03/2003

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No





COPY Page 2 of 2

Title

2-Terminal trapped charge memory device with voltage switchable multi-level resistance

Preliminary Class

365

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).